Z/009/61/000/001/002/006
E112/E153

Semi-industrial Production of Furnace Blacks from Hydrocarbon Oil

Physical tests were: specific surface and electrical resistance. Specific surfaces were determined by two methods, apparently Soviet, but details are not disclosed. They are expressed in m^3/g, and the carbon blacks are assorted according to specific surface into five main groups, with the following characteristics: From furnace 12: 20-35 m^3/g, FEF... 40-50 m^3/g, HAF (high abrasion)... 60-80 m^3/g, ISAF (intermediate super abrasion)... 80-120 m^3/g, and SAF (super abrasion)... 120-170 m^3/g. All types of blacks (with the exception of black from furnace 12) were assessed technologically in tread compounding at the VÚ gumárenské a plastikářské technoligie (Research Institute for Rubber and Plastics Technology), Gottwaldov. Results are tabulated; tests included strength, modulus, elongation, rebound resilience, abrasion resistance, and shear hardness. Temperature was found to be the main factor affecting yield and characteristics of the carbon blacks. It was found that the yield diminished as the combustion temperature increased. A temperature range from 900 to 1550 °C was investigated, and results are presented

Card 3/6

Z/009/61/000/001/002/006
E112/E153

Semi-industrial Production of Furnace Blacks from Hydrocarbon Oil

graphically and in the form of a table. The specific surfaces of carbon black, on the other hand, increased with an increase of temperature. Results are again presented graphically and in a table. Another table summarises the effects of temperature on the yields of the five standard types of carbon blacks. The effects of different ratios of air:raw material were studied and results are tabulated. Results are greatly influenced by local conditions and vary with the size of the retorts. It is concluded that the semi-industrial plant at Ostrava is capable of producing a wide gamut of carbon blacks, which on the whole are equivalent to carbon blacks of foreign origin.
There are 4 figures, 6 tables and 8 references: 2 Czech, 3 English, 2 Soviet and 1 German.

ASSOCIATION: Urxovy závody, n.p., Ostrava
(Urx Works, Ostrava)

SUBMITTED: October 8, 1960

Card 4/6

Z/009/61/000/001/002/006
E112/E153

Semi-industrial Production of Furnace Blacks from Hydrocarbon Oil

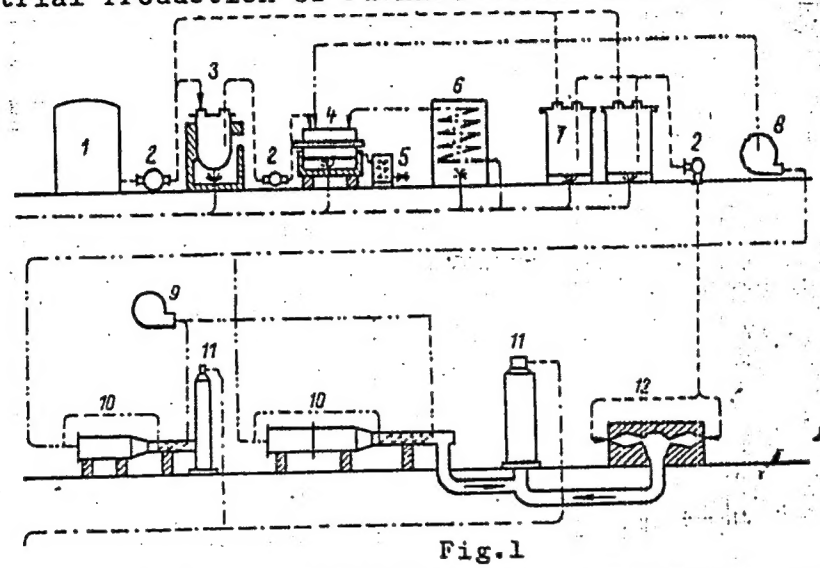


Fig.1

Card 5/6

Z/009/61/000/001/002/006
E112/E153

Semi-industrial Production of Furnace Blacks from Hydrocarbon Oil

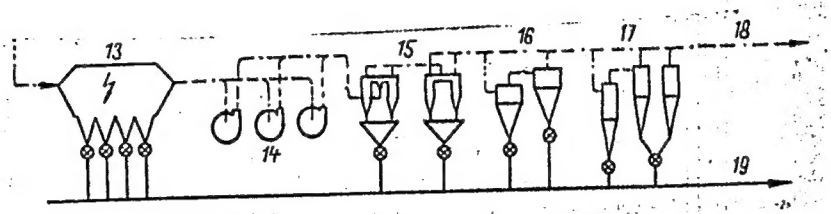


Fig.1 continued

Card 6/6

Z/009/61/000/003/001/002
E112/E253

AUTHOR: Janík, Miroslav

TITLE: Recovery of p-Xylene from Coal Tar

PERIODICAL: Chemický průmysl, 1961, No. 3, pp. 113-117

TEXT: Design and operational details of a pilot plant for the recovery of p-xylene from crude coal tar xylenes by the freezing-out method are submitted. Other methods for p-xylene isolation are discussed but rejected for reasons of economics and processing difficulties. Crude coal tars are mainly composed of ethylbenzene, p-xylene, m-xylene, o-xylene and smaller proportions of toluenes. The composition of the C8-aromates does not vary greatly and can be calculated from thermodynamic equilibria. Proportion of p-xylene in crude xylenes varies from 16-24%. Boiling and melting points and heats of fusion of the isomers are listed. With the exception of toluene, the boiling points are very close together. Separation of toluene by distillation may be accomplished readily, and separation of o-xylene is done commercially, although with more difficulty. Separation of ethylbenzene or m-xylene from p-xylene by distillation is highly impracticable

Card 1/5

Z/009/61/000/003/001/002
E112/E253

Recovery of p-Xylene from Coal Tar

because of the small differences in their boiling points. The freezing point of p-xylene is a great deal higher than that of its associated isomers and use is made of this physical property for carrying out separation. Several variations of crystallization procedures are described, all of them utilizing the same principle: low temperature chilling and separation of the crystals by mechanical devices. Quantitative aspects of low-temperature crystallization of p-xylene are discussed. Disadvantages of the method are the comparatively large amounts of p-xylene, left in the mother liquors (8-10%), which are not recoverable by crystallization. By reference to the solubility curves, it is obvious that on chilling the crude mixture of xylenes the saturation temperature for p-xylene will be reached before saturation values for o- and m-xylene are encountered. On continued cooling, the solubility of p-xylene will be reached causing more crystallization of pure p-xylene, until the next isomer, o-xylene begins to precipitate as binary eutectic. Further cooling will result in the cocrystallization of m-xylene as ternary eutectic when its

Card 2/5

Z/009/61/000/003/001/002
E112/E253

Recovery of p-Xylene from Coal Tar

saturation temperature is reached. Accordingly the amount of pure p-xylene recoverable from this typical mixture is limited by the eutectic point and operations carried out for the production of p-xylene must be at a temperature level above this point. Yields of p-xylene vary from 50-70%. Variations to increase the yields of p-xylene by the freezing-out method are listed and are based on the addition of refrigerants (ethylene, dry-ice) to the precooled xylene mixture, or on the use of complex-forming substances (carbon tetrachloride)as additives to the chilled xylenes. Laboratory experiments for the recovery of p-xylene by the standard low temperature method are described, using 1 litre (0.85 kg) batches of crude xylene, containing 22.5% of the p-, and 50% of the m-isomer. Best results were obtained at -60 to -65°C, yielding 13% p-xylene of 80% purity. Addition of dry-ice to the precooled xylene mixture gave inferior results. Subsequent laboratory trials on a larger scale were undertaken with 10 kg crude xylene batches. Refrigeration to -70°C was achieved with dry-ice. Crystals were separated by means of a laboratory basket

Card 3/5

Z/009/61/000/003/001/002
E112/E253

Recovery of p-Xylene from Coal Tar

type centrifuge. Yields were 14% p-xylene of 90% purity. Based on laboratory information a pilot plant was designed, the flow diagram of which is submitted: Solvent xylenes, with 21% p-xylene are pumped through a drier, charged with dry caustic soda for removal of water. They are precooled with cold filtrate from the first centrifugation step in a heat exchanger. The precooled feed is further chilled with ammonia so as to enter the crystallization tank at -45°C, the temperature of beginning crystallization. The crystallization vessel is the continuous tube type and is cooled with ethane. The crystal slurry is then led into a holding tank provided with stirrer, where it is held for a sufficient length of time to permit a close approach to equilibrium for p-xylene crystallization, thereby realizing maximum p-xylene recovery; also the crystals tend to grow in size in the agitated holding tank, making them more amenable to purification in a subsequent centrifuging operation. The crystals of p-xylene are conveyed pneumatically to the crystallization vessel where they are melted in a concentrated solution of p-xylene (approx. content 65%) and allowed to crystallize at -8°C. The filtrate of

Card 4/5

JANIK, Miroslav

70 years of coke chemistry. Chem prum 12 no.7:337-341 Jl '62.

1. Urxovy zavody, n.p., Ostrava.

JANIK, Miroslav

A conference on chemistry in Ostrava. Chem prum 12 no.11:617-618 N '62.

1. Urxovy zavody, n.p., Ostrava.

JANIK, Miroslav

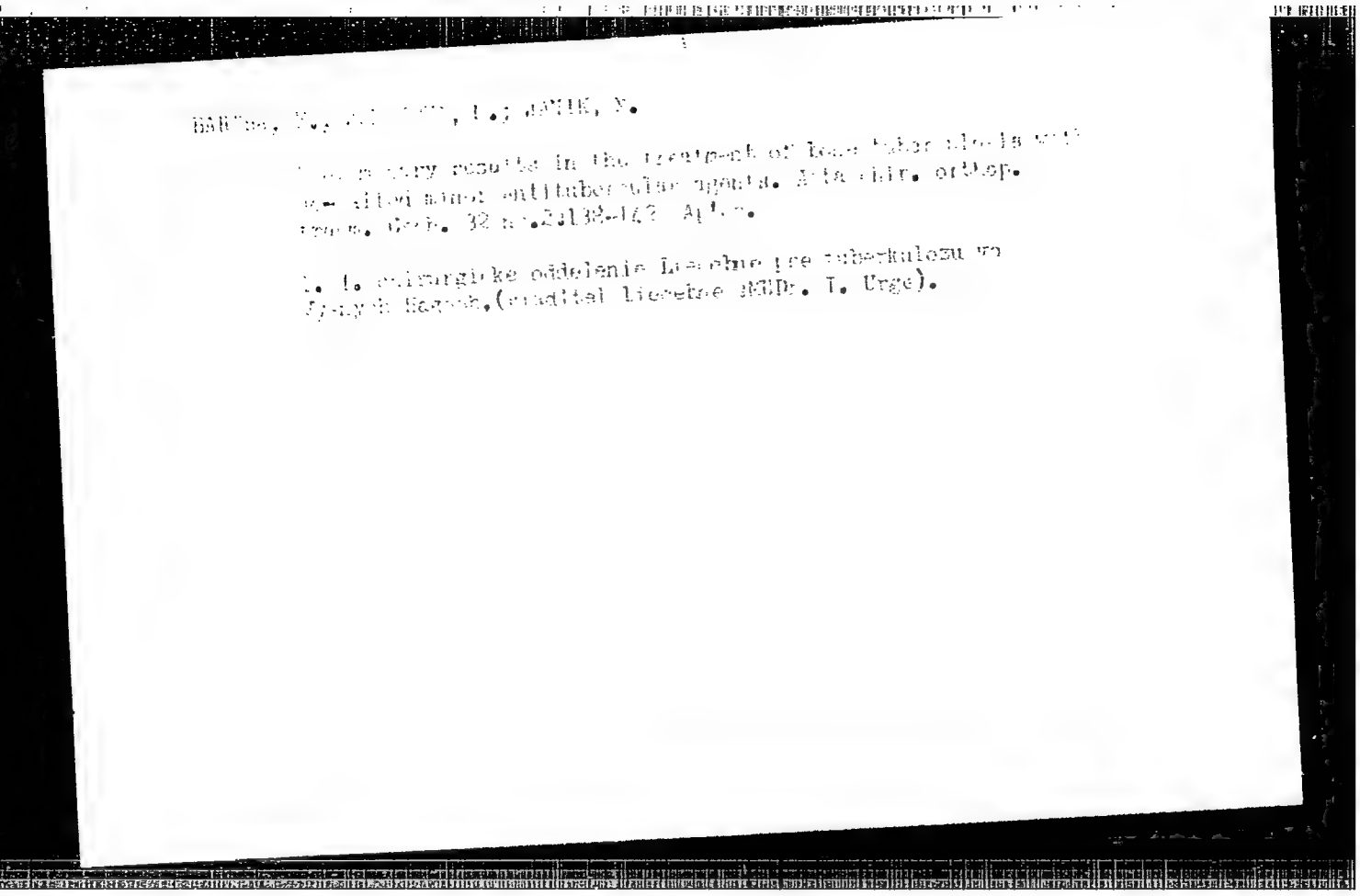
Research trends in coal tar processing from hard coal and its components. Koks 8 no.5:158-159 S-O '63.

1. Urxovy Zavody, Ostrava.

JANIK, Miroslav

Pyridine bases from high-temoerature coal carbonization.
Chem prum 14 no.2:61-67 F'64

1. Urxovy zavody, n.p., Ostrava 3.



HABERFELD, Arnost, inz.; JANIK, Samuel

Operational evaluation of Diesel motor oils. Zel dop tech 11 no. 5:131-132 '63.

CZECH/3-59-12-26/39

32(1)

AUTHOR: Janík, Vladimír

TITLE: "Aerotaxis" Fly Over the Ukraine

PERIODICAL: Křídla Vlasti, 1959, Nr 12, p 17 (CSR)

ABSTRACT: Article deals with the delivery of large number of Super-Aero aircraft to the USSR's Aeroflot. The aircraft are flown to Lvov by ČSR crews and from Lvov by Aeroflot's crews to a destination in USSR. Three ČSR technicians, with their families, moved to Lvov in January 1959 to aid in the assembly of Super-Aeros which were shipped by rail. At present the Super-Aeros are being utilized at Kiyev, Kharkov, Rostov, Odessa, Krasnodar, Stalingrad, Kuybyshev, Sumy, Poltava, Krivoy Rog, Simferopol' and other, even smaller airfields. Two Aero-200s were delivered to the Research Institute in Moskva for tests. Subsequently a large number of Aero-200s will be delivered to the USSR. The prototype of an Aero-145 (OK-KDA) was successfully tested in Kiyev. There are 4 photos.

Card 1/1

JANIK, V.

"Small gasoline electric generators."

ELEKTROTECHNIK, Praha, Czechoslovakia, Vol. 14, No. 6, June 1959

Monthly List of East European Accessions (EEAI), LC, Vol. 8, No. 9, September 1959.

Unclassified.

JANIK, Vojtech

Management of operations. Zel dop tech 12 no.9:239 '64.

1. Stationmaster of the Kosice Railroad Station.

JANIK, Vojtech

Pratical examples of the operation management. Zel dop tech 12 no.12:326-327 '64.

1. Stationmaster of the Kosice railroad station.

JANIK, Z.

Distr: 4E2c(j)/4E3d

Poly(vinyl alcohol). Zdeněk Janík, Czech. 84,613, Sept. 1, 1955. The procedure avoids all difficulties with removing by-products and cleavage products from the reaction mixt. When 1000 parts poly(vinyl acetate) emulsion contg. 30% of dry substance is hydrolyzed with 850 parts of 30% HCl, and 420 parts ground limestone or chalk is added with stirring, poly(vinyl alc.) ppts. from the soln. After removing the mother liquors, 1000 parts H_2O is added, the solid material is dissolved and neutralized again with ground limestone, the ppt. is washed with H_2O and filtered with suction, and the solid is dried, 150 parts poly(vinyl alc.) is obtained. The neutralization can be carried out also with Na_2CO_3; however, the pH 7 must not be exceeded.

V. Kratochvílová

CFK

JANIK, Z.

17.4312

Z/009/60/000/009/005/005
E112/E453

AUTHORS: František Hadobáš and Zdeněk Janík

TITLE: High-Impact Polystyrenes

PERIODICAL: Chemický průmysl, 1960, No.9, pp.500-503

TEXT: Czechoslovakia's Five Year Plan for the chemical industry envisages the production of high-impact polystyrenes. The present paper is an attempt at their classification and a survey of their properties. It is pointed out that ordinary polystyrene has a very low impact resistance. Attempts were made to overcome it by the addition of plasticizers. However, tensile and bending strength and heat resistance were adversely affected. The problem was solved by introducing mixtures or copolymers with certain elastomers, such as butadiene-styrene rubbers. Different types are now available dependent on whether the elastomer is simply mixed with polystyrene or whether it is added prior or during polymerization. Two types are usually encountered: medium impact polystyrene and high impact polystyrene, which in addition has high thermal stability. The latter is usually a copolymer of acrylonitrile-butadiene-styrene. A table gives physical data and comparisons of a) normal polystyrene; b) medium-impact

Card 1/3

Z/009/60/000/009/005/005
E112/E453

High-Impact Polystyrenes

polystyrene; c) high-impact polystyrene; d) high-impact polystyrene with high thermal resistance. Data include: tensile strength, elongation at break, modulus of elasticity, resistance to flexing, hardness, notch toughness, flexing resistance at impact and heat resistance. The relation between constitution of the high-impact polystyrenes and physical characteristics are surveyed. Suspension-polymerized polystyrene is usually employed as one of the components rather than the block polymer. The latter has a molecular weight of approx 100000 and although a high molecular weight improves tensile strength of the final product, it affects adversely its flow characteristics. This may then cause difficulties in injection moulding. The effect of concentration of components on physical data is discussed. The impact resistance increases with increased proportions of butadiene but tensile strength deteriorates. The effect on tensile strength and elongation of varying proportion of butadiene is presented in the form of a graph. The methods of combining the components, e.g. whether they are merely mixed or copolymerized, and the properties of the resulting materials are considered.
Card 2/3

POLAND

ZERA, Edmund, HOFFMAN, Maria, JANIK, Zofia, ILNURZYNSKA, Krystyna, and KRZYZANOWSKA, Regina; Post-hospital Cardiological Rehabilitation Center (Kardiologiczny Osrodek Rehabilitacji Poszpitalnej) at the Sanatorium in Naloczow and Cardiology Clinic (Klinika Cardiologiczna) of the Physicians' Postgraduate Training Program (Studium Doskonalenia Lekarzy), AM [Akademia Medyczna, Medical Academy] in Warsaw (Director: Prof. Dr. med. Edmund ZERA)

"Rehabilitation of Patients with Myocardial Infarction."

Warsaw, Polski Tygodnik Lekarski, Vol 18, No 34, 19 Aug 63, pp 1264-1267

Abstract: [Authors' English summary modified] Authors report on proceduros and determinations used to ascertain the effectiveness of sanatorium rehabilitation on patients with a history of myocardial infarction. They found the procedure helpful to patients recovery and determination of capacity for work. Effectiveness of rehabilitation depended more on extent of original injury than on the age, sex, localization, complications during first attack, and number of attacks. 8 refs: 3 Polish, 8 Western.

1/1

JANIKOVA, M.

"Fast Method for Determining the Total Sulfur Content of Sulfite Liquors." p. 98, Praha, Vol. 9, no. 4, Apr. 1954.

SO: East European Accessions List, Vol. 3, No. 9, September 1954, Lib. of Congress

JANIK, Zdzislaw (Gdynia)

The Elblag Plateau. Czasop geogr 35 no.2:187-200 '64

JANIKOVA, M.

CZECHOSLOVAKIA

MALY, M.; BARTLOVA, S.; JANIKOVA, M.; SAULOVA, A. CSSR

District Hygiene and Epidemiological Station, Brno-rural (Okresni hygienicko-epidemiologicka stanice, Brno-venkov)

Prague, Ceskoslovenska hygiena, No 10, 1962, pp 604-609

"Influence of Protective Coating on the Sanitary Standards of Water"

4

JANIKOVSZKY, B.

Ivan Valko's Erzekszerveink es a technika (Our Sensory Organs and Technique); a book review. p. 446

Vol. 114, no. 7, July 1955
TERMESZET ES TARSADALOM
Budapest

Source: Monthly list of East European Accessions, (EEAL), LC, Vol. 5, no. 3, March 1956

CSABA, Gyorgy, Dr.; TORO, Imre, Dr. (Munkatarsak); KISS, Ferenc Istvan, Dr.; JANIKOVSZKY, Bela, Dr.

New method for cancer diagnosis: the agar-binding reaction. Orv. hetil. 99 no.17:553-561 27 Apr 58.

1. A Budapesti Orvostudomanyi Egyetem Szovet- es Fejlodestani Intezetenek (igazgato: Toro Imre dr. egyet. tanar) kozlemenye.

(NEOPLASMS, diag.
agar-agar fixation test (Hun))
(AGAR
agar-agar fixation test in cancer diag. (Hun))

STRAUSZ, Imre, dr.; JANIKOVSZKY, Bela, dr.

Corticosteroid myopathy. Orv.hetil. 101 no.27:946-948 3 Jl '60.

1. Az Orvostovabbkepzo Intezet III. sz belosztalya.
(RHEUMATIC HEART DISEASE ther)
(CORTICOTROPIN toxicol)
(PREDNISONE toxicol)
(MUSCULAR ATROPHY etiol)

STRAUSZ, Imre, dr.; JANIKOVSZKY, Bela, dr.

A case of closed heart rupture. Magy. Belorv. arch. 15 no.2:77-79 Ap '62.

1. Orvostovabbkepzo Intezet III. sz. belosztalya.
(MYOCARDIAL INFARCT compl)

HUNGARY

STRAUSZ, Imre, Dr, KEKES, Edo, Dr, MOLNAR, Antal, Dr, JANIKOVSZKY, Bela, Dr; Institute for Graduate Medical Study, III. Medical Department (Orvostovabbkepzo Intezet, III. Belgyogyaszati Tanszek).

"Appearance of Normoblasts in Peripheric Blood in Some Cases of Cardiac Insufficiency,"

Budapest, Orvosi Hetilap, Vol 104, No 6, 10 Feb 1963, pages 255-257.

Abstract: [Authors' Hungarian summary modified] Appearance of normoblasts in the peripheric blood in cases of acute insufficiency of the right side of the heart is a symptom of sudden hypoxia and is observed in one third of the cases. It is a measure of the severity of the insufficiency on the right side and is a bad prognostic sign. Normoblasts are frequently found after pulmonary infarcts. Their presence in peripheric blood is transient and they disappear with the correction of the decompensation often without the increase of the C_2 saturation in the arterial blood. It is seldom observed in chronic right side insufficiency. All references are Western.

1/1

Janikowa, J.

POLAND/Physical Chemistry - Surface Phenomena, Adsorption, Chromatography, Ion Interchange. B-13

Abs Jour: Referat. Zhurnal Khimiya, No 2, 1958, 3987.

Author : J. Janikowa.
Inst : Academy of Science of Poland.
Title : Surface Tensions and Electric Potentials on Free Surface of Aqueous Solutions of Wetting Agent.

Orig Pub: Bull. Acad. polon. sci., 1957, Cl. 3, 5, No 4, 407-410, XXXII.

Abstract: The surface tension (σ) and the shift of the surface potential (ΔV) of Na dioctylsulfosuccinate aqueous solutions in their dependence on pH and KCl additions were measured. It is shown that these additions decrease the σ of the solutions and increase ΔV the more, the lower is pH. The influence of pH is especially strongly revealed in the range of pH below 2.

Card : 1/1 -2-

JANIKOWA, J.

On the additivity of the free surface potential of the constituents in solutions. Bul chim PAN 8 no.4:185-188 '60.

(EEAI 10:9/10)

1. Laboratory of Physical Chemistry, and Electrochemistry, Jagiellonian University, Cracow. Presented by B. Kamienski.

(Solutions) (Surface chemistry)

JANIKOWA, J.

On the influence of strong electrolytes on the electric potential and surface tension of alkanol S. Bul chim PAN 8 no.4:189-190 '60. (EEAI 10:9/10)

1. Laboratory of Physical Chemistry and Electrochemistry, Jagiellonian University, Cracow. Presented by B. Kamienski.

(Electrolytes) (Surface chemistry)

(Electromotive force) (Alkanol)

TOMASSI, Witold; JANIKOWNA, Maria

Halogen electrodes on carbon and platinum powders. Przem chem 41 no.8:449-451 Ag '62.

1. Katedra Chemii Fizycznej, Politechnika, Warszawa.

POLAND/Nuclear Physics - Installations and Instruments. Methods of Measurement and Research C-2

Abs Jour : Ref Zhur - Fizika, No 7, 1958, No 14922

Author : Janikowski Andrzej
Inst : Not Given
Title : Status of Manufacture of Geiger-Mueller Counters in Poland

Orig Pub : Nukleonika, 1957, 2, No 3, 489-505

Abstract : No abstract

Card : 1/1

Card 1/1

POLAND

BIEGUSZEWSKI, Zygmunt; DABEK, Waclaw; JABLONSKA, Jadwiga; JANIKOWSKI, Andrzej; TOPA, Jerzy

Department of Reactor Engineering, Nuclear Research Institute (Instytut Badan Jadrowych Zaklad Inzynierii Reaktorowej) (all)

Warsaw, Przeglad elektroniki, No 7, July 63, pp 372-83.

"Technological Problems of Nuclear Radiation Detectors Used in Reactor Technique".

JANIKOWSKI, Andrzej

POLAND

DABEK, Waclaw; JABLONSKA, Jadwiga; JANIKOWSKI, Andrzej; TOPA, Jerzy

Department of Reactor Engineering, Nuclear Research Institute (Instytut Badan Jadrowych Zaklad Inzynierii Reaktorowej) (all)

Warsaw, Przeglad elektroniki, No 7, July 63, pp 388-89.

"Neutron Sensitive Ionization Chamber AKJ-150/0.8 Type".

4

JANIKOWSKI, Andrzej

POLAND

DABEK, Waclaw; JABLONSKA, Jadwiga; JANIKOWSKI, Andrzej; TOPA, Jerzy

Department of Reactor Engineering, Nuclear Research Institute (Instytut Badan Jadrowych Zaklad Inzynierii Reaktorowej) (all)

Warsaw, Przeglad elektroniki, No 7, July 63, pp 390-94.

"Compensated Neutron Sensitive Ionization Chamber RAKJ-5 Type".

4

JANIKOWSKI, Andrzej

JANIKOWSKI, Andrzej

POLAND

DABEK, Waclaw; JABLONSKA, Jadwiga; JANIKOWSKI, Andrzej; TOPA, Jerzy

Department of Reactor Engineering, Nuclear Research Institute (Instytut Badan Jadrowych Zaklad Inzynierii Reaktorowej) (all)

Warsaw, Przeglad elektroniki, No 7, July 63, pp 403-08.

"Ionization Chambers for Activation Method Neutron Flux Distribution Measurements".

4

JANIKOWSKI, Andrzej

POLAND

DABEK, Waclaw; JABLONSKA, Jadwiga; JANIKOWSKI, Andrzej; SZCZECHLA, Bronislaw; TOPA, Jerzy

Department of Reactor Engineering, Nuclear Research Institute (Instytut Badan Jadrowych Zaklad Inzynierii Reaktorowej) (all)

Warsaw, Przeglad elektroniki, No 7, July 63, pp 409-13.

"Installed γ-radiation Monitor with DC Pressure Ionization Chamber, KPDG-1/10 Type".

5

ACC NR: AP7002754 SOURCE CODE: PO/0016/66/011/005/0349/0358

AUTHOR: Jablonska, Jadwiga--Yablon'ska, Ya.; Janikowski, Andrzej--Yanikovski, A.; Topa, Jerzy--Topa, Ya.

ORG: Department of Reactor Physics, Institute of Nuclear Research, Swierk

TITLE: Progress in reactor detectors design and construction carried out in the years 1963-1965 [This paper was presented at the Reactor Physics and Engineering Conference held in Budapest from 15 to 20 November 1965.]

SOURCE: Nukleonika, v. 11, no. 5, 1966, 349-358

TOPIC TAGS: ceramic to metal seal, ionization chamber, radiation detector/RWKJ-8 ionization chamber, AKJ-4 boron coated chamber, AKJ-3 fission chamber, RJ-300 fission chamber, 9R-8 small size chamber, RR-100 start up chamber, RM-70 neutron beam monitoring chamber, ThR-8 fission chamber, ThR-20 fission chamber, ThR-60 fission chamber

ABSTRACT: A significant progress in technology and construction of various reactor detector types was performed in comparison to the status described in Prague in the year 1963. The main advances are: new isolating materials, particularly ceramic-to-metal seals and high alumina ceramic elements, hydrogen filling for boron chambers and new chamber assembling methods. The new detectors designed are the following: neutron sensitive gamma compensated ionization chamber RWKJ-8 mounted in the rigid extension PK-58; uncompensated: boron coated chambers AKJ-4 and high sensitive AKJ-3 (suitable for reactor noise measurements) and uranium coated RJ-300; fission chambers: small size chamber 9R-8, start-up chamber RR-100, neutron beam monitoring chamber RM-70 and threshold thorium coated fission chambers ThR-8, ThR-20, and ThR-60. The construction of the detectors is shown and the technical data are given. Finally the future work is briefly mentioned. Orig. art. has: 11 figures and 2 tables. [Orig. art. in Eng.] [NA]

SUB CODE: 18 / SUBM DATE: 15Sep65 / ORIG REF: 002

Card 1/1

0925 1628

JANIKOWSKI, Pawel

Fourth report and election meeting of the Committee of Power Management of the Central Technical Organization. Gosp paliw 12 no.10:349-351 O '64.

JANKOWICZ, Eleonora; BOROWSKA-LEHMAN, Jolanta; JANIKOWSKI, Tadeusz

Sarcomatosis of spinal meninges. Neurol., neurochir. psychiat. Pol. 15 no.1:171-173 Ja-F'65.

1. Z Kliniki Chorob Nerwowych Akademii Medycznej w Gdansku (Kierownik: prof. dr. Z. Majewska) i z Zakladu Anatomii Patologicznej Akademii Medycznej w Gdansku (Kierownik: prof. dr. W. Czarnocki).

JANIKOWSKI, Tadeusz

Role of studies on the predominance of 1 extremity in determining the dominant hemisphere. Neurologia etc. polska 11 no.1:43-46 Ja-F '61.

1. Z Kliniki Chorob Nerwowych AM w Gdansku Kierownik: prof. dr Z Majewska.

(LATERALITY)

MAJEWSKA, Zofia; LEHMANOWA, Jolanta; PIELOWSKI, Jan; JANIKOWSKI, Tadeusz; WISNIEWSKI, Henryk

Brain neoplasms in older and newborn infants. Neurol. neurochir. psychiat. pol. 12 no.1:7-14 '62.

1. Z Oddzialu Neurologii Dzieciecej im. Janusza Korczaka Kierownik: prof. dr Z. Majewska Z Zakladu Anatomii Patologicznej AM w Gdansku. Kierownik: prof. dr W. Czarnocki Z Zakladu Neuropatologii PAN Kierownik prof. dr A. Kunicki.

(BRAIN NEOPLASMS in inf & child)
(INFANT NEWBORN dis)

BANACH, Stanislaw; JANIKOWSKI, Tadeusz

A case of Ramsay-Hunt myoclonic cerebellar syndrome in ar infant. Neurol neurochir psych 12 no.3:433-436 My-Je '62.

1. Oddzial Neurologii Dzieciecej im. Janusza Korczaka, Klinika Chorob Nerwowych, Akademia Medyczna, Gdansk. (Kierownik Kliniki: prof. dr Z. Majewska).

JANIKOWSKI, Tadeusz

Influence of music on the rehabilitation of infants with choreoathetosis. Neurol neurochir psych 12 no.6:855-860 N-D '62.

1. Klinika Chorob Nerwowych, Akademia Medyczna, Gdansk. Kierownik: prof. dr Z.Majewska.

MAJEWSKA, Zofia; JANIKOWSKI, Tadeusz; PIELOWSKI, Jan

Thrombosis of the internal carotid artery in a small child. Pediat. pol. 37 no.4:415-418 Ap '62.

1. Z Oddzialu Neurologii Dzieciecej im. Janusza Korczaka Kliniki Neurologicznej AM w Gdansku Kierownik: prof. dr med. Z. Majewska.

(CEREBRAL EMBOLISM AND THROMBOSIS in inf & child)
(CAROTID ARTERIES dis)

HEJKA, Zuzanna; JANIKOWSKI, Tadeusz; KRYWKO, Alina; TYLICKA, Teresa; WDOWIAK, Wanda; WOZNICZKO, Jerzy.

Incidence of neurologic symptoms in the newborns in relation to causative factors. Ginek. Pol. 36 no. 12:1379-1386 D '65

1. Z Kliniki Neurologicznej AM w Gdansku (Kierownik: prof. dr. med. Z. Majewska); z I Kliniki Poloznictwa i Chorob Kobiecych AM w Gdansku (Kierownik: prof. dr. med. S. Metler) i z II Kliniki Poloznictwa i Chorob Kobiecych AM w Gdansku (Kierownik: prof. dr. med. W. Gromadzki).

JANIKOWSKI, Zbigniew

Work testing in the apparatus production process. Pt. 2.
Przem chem 42 no.10:536-540 O'63.

1. Branzowy Osrodek Normowania i Organizacji, Zjednoczenie Przemyslu Nieorganicznego, Krakow.

JANINSKI K.

4020. JANINSKI K., RASZEJA B. and SMARSZ C. *Wartość kliniczna oznaczania czasu oczyszczania krwi z paraaminohipuranu sodu i tiosiarczanu sodu. Clinical value of determination of sodium *para*-aminohippurate and sodium thiosulphate
MED. WEWNĘT. 1956, 26/3 (1197-1199)

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(CHEMICAL ANALYSIS,
determ. of mixtures according to measurement of physico-chem. properties)

Janio, K. ; Gorzka, Z. ; Justat, A.

The Fe-Cr catalyst in a fluidized bed for the conversion of carbon monoxide with water vapor. Pt. 2. p. 93.

PRZEMYSL CHEMICZNY. (Ministerstwo Przemyslu Chemicznego i Stowarzyszenie Naukowo-Techniczne Inzynierow i Technikow Przemyslu Chemicznego) Warszawa, Poland. Vol. 38, no. 2, February, 1959.

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Uncl.

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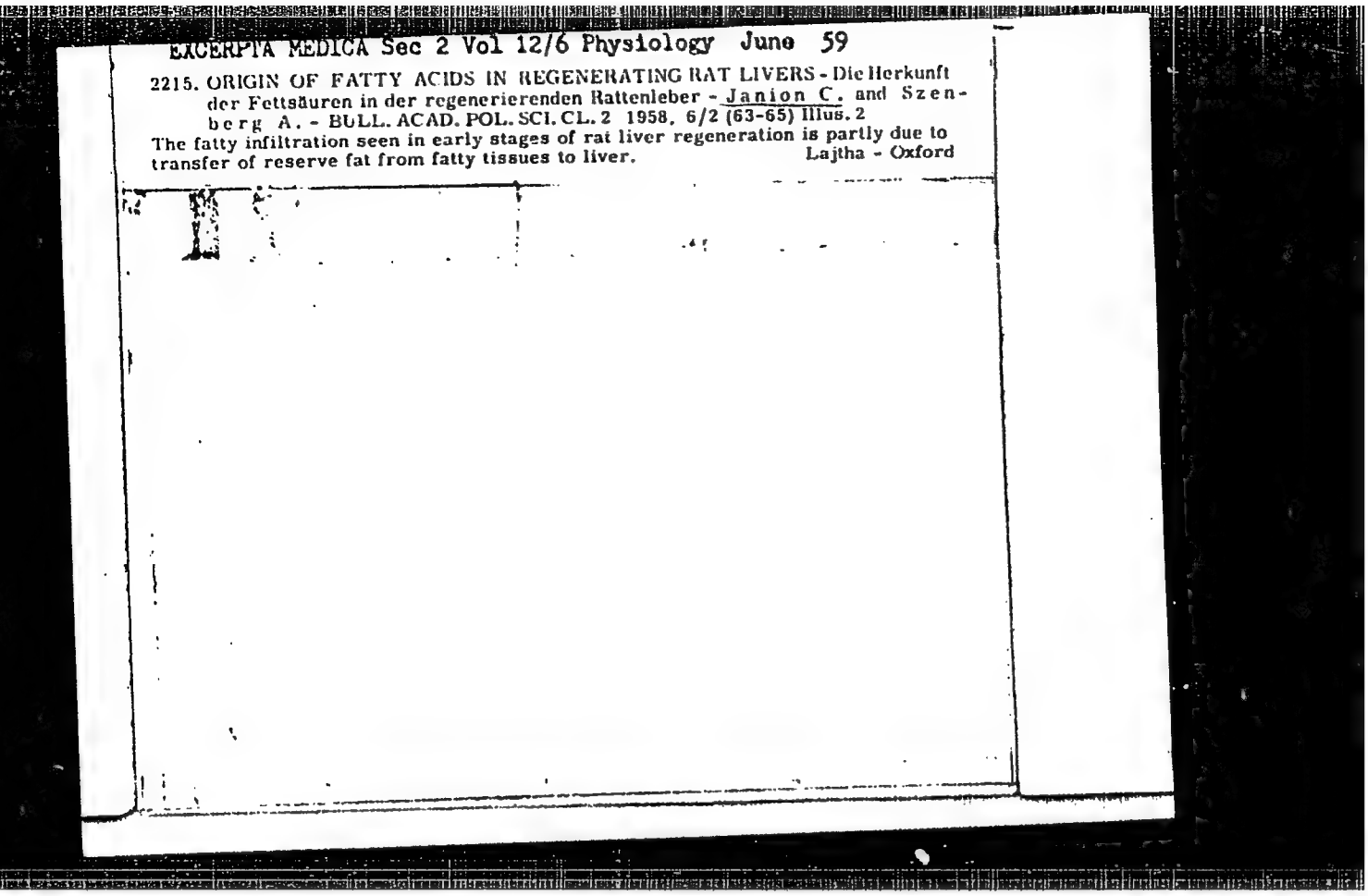

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2215. ORIGIN OF FATTY ACIDS IN REGENERATING RAT LIVERS - Die Herkunft der Fettsäuren in der regenerierenden Rattenleber - Janion C. and Szenberg A. - BULL. ACAD. POL. SCI. CL. 2 1958, 6/2 (63-65) Illus. 2

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(ULTRAVIOLET RAYS)

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(RADIATION EFFECTS - experimental) (REGENERATION - experimental) (STARVATION - experimental) (LIVER - radiation effects)

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(POLAND--APHANIPTERA)

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(APODEMUS FLOAVICOLLIS)
(CLETHRIONOMYS GLAVEOLUS)

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POLAND

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"Flea Infestation of Three Rodent Species: Apodemus agrarius, Apodemus flavicollis, and Clethrionomys glareolus at the Period of Apodemus agrarius Mass Occurrence."

Warsaw, Bulletin de L'Academie Polonaise des Sciences, Serie des Sciences Biologiques, Vol 10, No 9, 62, pp 361-366

Abstract: [English article, author's Russian summary] Low infestation of the species Apodemus agrarius at the time of their mass occurrence depended on the type of settlement of these rodents. This type of host's settlement appeared as the result of mass occurrence of Apodemus agrarius, did not favor abundance of ectoparasites, and was connected with the small differentiation of the host population. The small variability of the latter caused the high degree of domination of one of the occurring flea species (Ctenophthalmus agyrtes). Four East and four West bloc references.

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SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 5, No. 6, June 1956, Uncl.

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"Fastening materials in working with sheet metal; manual fastening; screws." p.135

TECHNICKA PRACA. (Rada vedeckych technickych spolocnosti pri Slovenskej akademii vied) Bratislava, Czechoslovakia, Vol. 7, no. 3, 1955.

Monthly List of East European Accessions Index (EEAI) LC, Vol. 8, No. 9, Sept. 1959

Uncl.

KUDRA, V.

Kudra, J. Hard spring and wedge grip; fixing elements for sheet metal. p. 233.
Slovak technical terminology. p. 236.
Correct and incorrect technical terms. p. 237.
TECHNIK, PRAGA, Pratislava, Vol. 7, no. 5, June 1955.

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 4, no. 10, Oct. 1955, Uncl.

JANIREK, V.

Hand-lever (elbow) clamp; clamping attachments for sheet metalworking, p. 281, TECHNICKA PRACA (Statne nakladatelstvo technidkej literatury) Baratislava, Vol. 7, No. 6, June 1955

SOURCE: East European Accessions List (EEAL) Library of Congress, Vol. 4, No. 12, December 1955

JANIREK, V.: KUDRA. J.: HETTENBERGER. J.

Fixing manual, with lever tools, the materials for sheet metalworking. p. 331

TECHNICKA PRACA. Czechoslovakia, Vol. 7, No. 7, July 1955

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Uncl.

JANIREK, V.; KUDRA. J.; HETTENBERGER, J.;

Fastening materials in working with sheet metal; manual fastening; lever tools. p. 379

TECHNICKA PRACA. Czechoslovakia, Vol. 7, No. 8, Aug. 1955

Monthly List of East European Accessions,(EEAI), LC. Vol. 8, No. 9, September 1959 Uncl.

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Fastening materials in working with sheet metal; manual fastening: level tools. p. 473

TECHNICKA PRACA. Bratislava, Czechoslovakia, Vol. 7, No. 10, Oct. 1955

Monthly List of East European Accessions (EEAI), LC. Vol. 8, No. 9, September 1959
Uncl.

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Spiral knives for tannery machines. Kozarstvi 13 no.2:42-44 F '63.

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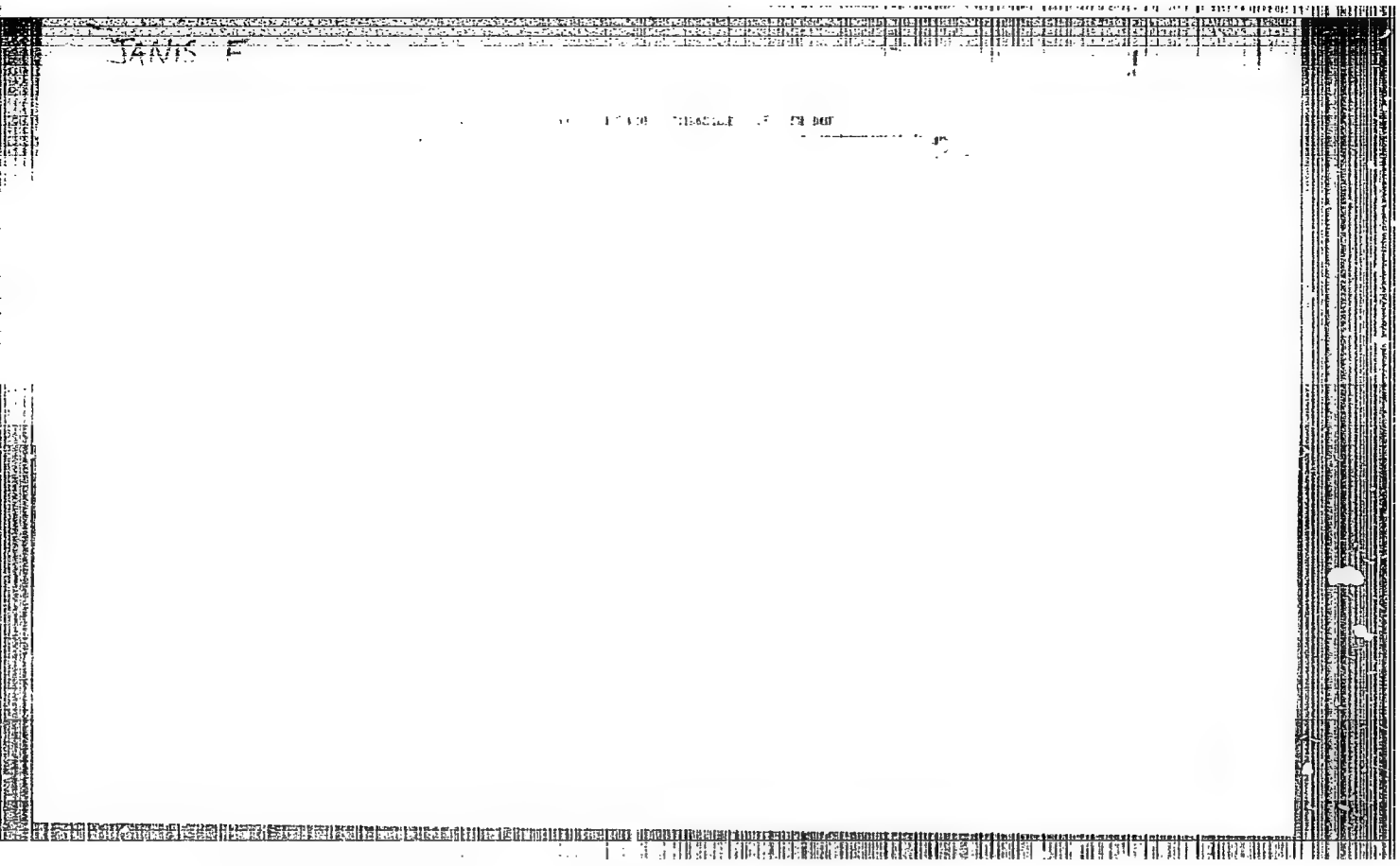

COUNTRY : CZECHOSLOVAKIA
CATEGORY : Chemical Technology. Chemical Products and Their Applications.
ABS. JOUR. : RZKhim., No. 23 1959), No. 84023

AUTHOR : Janis, F.; Kadlec, A.
INST. : -
TITLE : Determination of Thermal Expansion of Plastics

ORIG. PUB. : Chem. prumysl, 1958, 8, No 10, 552-554

ABSTRACT : Specific volumes and coefficients of thermal expansion of the melts were determined (while cooling gradually) of polycaprolactam, of a copolymer of caprolactam and of C-methylcaprolactam (90 : 10) of polyethylene and of polystyrol in the temperature range of 20 - 250°. Thus obtained specific volume values were compared with the results obtained from the pichnometric measurments. It was established that at temperatures of 20 to 80° the difference in density measurements by the two methods comprized no more than 0,1%. -- L. Sedov.

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JANIS, Josef, inz.

Use of the mathematical method in location of breweries in Slovakia. Prum potravin 15 no.4:155-159 Ap '64.

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Division of the nuclei of naked yeast protoplasts. Folia biol. 7 no.3:202-205 '61.

1. Department of Biology, Medical Faculty, Purkyne University, Brno.

(CELL NUCLEUS) (YEASTS)

JANISKI J.

COUNTRY : Poland
CATEGORY :

ABS. JOUR. : RZKhim., No. 16 1959, No. 58821

AUTHOR : Janiski, J., Sosin, Z., and Gogolewski, L.

INST. : Not given

TITLE : The Determination of Vitamin E in Some Polish Cereals and Seeds

ORIG. PUB. : Przem Spovywczy, 12, No 10-12, 415-417 (1958)

ABSTRACT : The authors have applied the Furter-Meyer method (M. Furter and K. E. Meyer, Analyst, 74, 62 (1949)) to the determination of vitamin E in grains and in seeds in the presence of carotenes (accuracy ± 5%). The following quantities of vitamin E (in mg %) were found in the oils: wheat germ 321-350, rye germ 341-402, white lupine germ 163-202, soybean germ 135-147; in tomato seeds 234-305 and in black and red currants 266-316. The authors have confirmed the possibility of obtaining vitamin E

CARD: 1/2

JANISTIN, Juraj, inz.

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1. Hydrostav Bratislava, n.p.

JANISZEWSKA, Janina (Wroclaw)

Actinomyxidia. II. New systematization, sexual cycle, and description of new genera and species. Wiadomosci parazyt., Warsz. 2 no.5 Suppl:251-252 1956.

1. Muzuem Zoologiczne UBB.
(PROTOZOA,
Actinomyxidia (Pol))

YANISHEVSKAYA, I. [Janiszewska, I.]

Social insurance in Poland. Okhr.truda i sots.strakh. 5 no.11: 45-46 N '62. (MIRA 15:12)

1. Sekretar' TSentral'nogo soveta professional'nykh soyuzov Pol'shi.

(Poland—Insurance, Social)

YANISHEVSKAYA, I. [Janiszewska, I.]

Life demands this from us. Sov.profsoiuzy 16 no.6:58-59
Mr '60. (MIRA 13:3)

1. Sekretar' TSentral'nogo soveta profsoyuzov Pol'shi.
(Poland--Trade unions)

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1. Zoological Museum, Zoological Institute, University of Wroclaw. Head of Museum: Janiszewska, Janina, prof., dr.

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1. Zaklad Parazytologii Ogolnej UW, Wroclaw.
(PARASITES) (INVERTEBRATES)

JANISZEWSKA, Maria

KRUKOWSKA, Helena; PASZKOWSKA, Anna; JANISZEWSKA, Maria; HARASIAWICZ, Stefan; SZELAGOWSKA, Henryka, Otwock

Analysis of home environment of children treated at the Marchlewski sanatorium in Otwock in 1952/1953. Gruzlica 22 no.10:732-744 Oct 54.

1. Z Oddzialu Pediatrycznego Instytutu Gruzlicy, Kierownik: prof. dr. Fr.Groer

(TUBERCULOSIS, in infant and child
home environmental factors in etiol.)
(ENVIRONMENT
in etiol. of tuberc. of child.)

JANISZEWSKA, Maria

Effect of streptomycin therapy of tuberculosis in adults and children on blood and skin allergometry. Gruzlica 23 no.7:475-483 July '55.

1. Z Oddzialu Pediatrycznego Instytutu Gruzlicy w Sanatorium im J.Marchlewskiego w Otwocku. Kierownik: prof.dr Fr. Groer. Otwock Sanatorium im. Marchlewskiego

(TUBERCULIN,
allergy, eff. of streptomycin)
(STREPTOMYCIN, effects,
on tuberculin allergy)

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(TUBERCULOSIS, PULMONARY, in inf. & child
hosp. statist. (Pol))

JANISZEWSKA, Maria

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(TUBERCULOSIS PULMONARY in inf & child)
(BRONCHOSCOPY in inf & child)

KUBICZ, Stanislaw; PORADOWSKA, Wanda; JANISZEWSKA, Maria

Cases of congenital defects of pulmonary vessels. Pol. przegl. radiol 27 no.5:403-416 S-O '63.

1. Panstwowe Sanatorium P-Gruzlicze dla Dzieci im. J. Marchlewskiego w Otwocku, Zaklad Radiologii Instytutu Matki i Dziecka (Kierownik: doc. S. Kubicz) i Oddz. Chirurgiczny Instytutu Matki i Dziecka (Kierownik: prof. W. Poradowska).

KRUKOWSKA, Helena; JANISZEWSKA, Maria; STEC-KRYSZKIEWICZ, Krystyna; PEKSYK, Stanislaw

Bronchial changes in lymph node-pulmonary tuberculosis requiring several bronchoscopies. Gruzlica 33 no.8:643-647 Ag '65.

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JANISZEWSKA, Wl., mgr

Survey of technical moving pictures of the textile industry.
Przegl techn 84 no. 32: 5,9 11 Ag '63.

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Still great need for films on industrial safety. Przegl techn 84 no.38:7 22 S'63

MAJEWSKI, F.; MAJEWSKA, W.; JANISZEWSKA, Z.

Estimation of the fertilizing value of magnesium thermophostate.
Pt.1. Rocz nauk roln rosl 81 no.3:483-510 '60. (EEAI 9:10)

1. Zaklad Upravy i Nawozenia Roli Szkoly Glownej Gospodarstwa Wiejskiego.
(Poland--Fertilizers and manures)
(Magnesium pyrophosphates)

MAJEWSKI, F.; MAJEWSKA, W.; JANISZEWSKA, Z.

Estimation of the fertilizing value of magnesium thermophosphate. Pt.2. Rocz nauk roln rosl 82 no.1:119-144 '60. (EEAI 10:7)

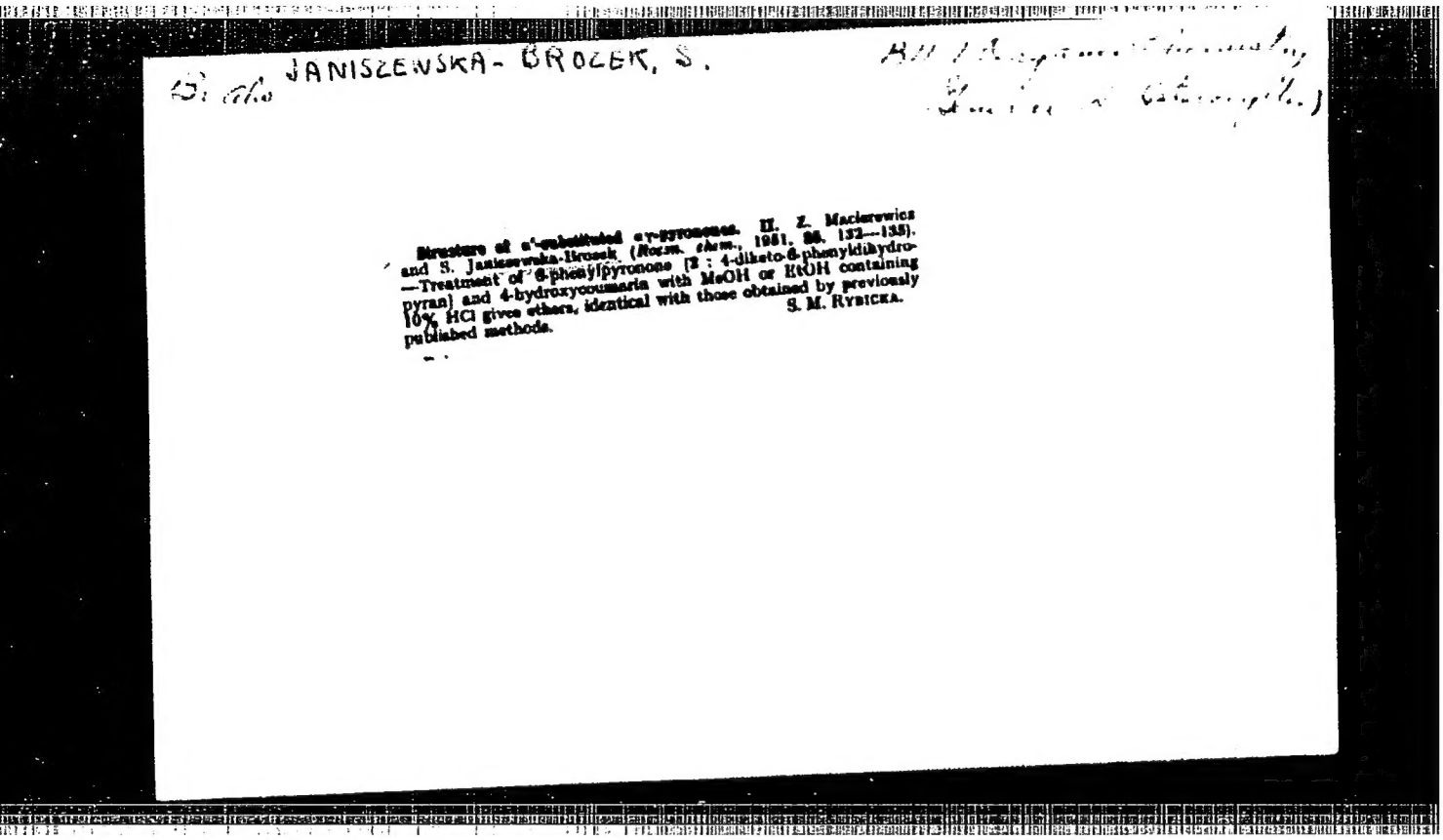
1. Zaklad Uprawy i Nawozenia Roli Szkoly Glownej Gospodarstwa Wiejskiego.
(Poland—Fertilizers and manures) (Magnesium phosphates)
(Phosphorus oxides)

A JANISZEWSKA-BROŻEK, S. 118

Carcinogenic substances. S. Janiszewska-Brożek. *Przemysł Chem.* 5(28), 370–9(1949).—A review. F. G.

JANISZEWSKA-BRZEK, S.

Structure of α'-substituted α,γ-pyranones. Z. Maciejewski and S. Janiszewska-Brzek (Univ., Warsaw, Poland). *Roczniki Chem.* 24, 167–76(1950)(English summary); cf. preceding abstr.—The fact that in the preceding work 6-styryl-4-methoxy-2*H*-pyran-2-one was obtained both by the cyclization of PhCH:CHCCl:CHC(OMe):CHCO$_2$H and by the methylation of 6-styryl-2*H*-pyran-2,4(3*H*)-dione indicates that the enolization of this system takes place toward the 3 C atom. Since there was some doubt as to the formation of 6-(*p*-methoxystyryl)-4*H*-pyran-4-one in the methylation of yangonolactone this work was undertaken to show the influence of a substituent in the 6-position of the pyranone ring on the direction of enolization. BzCH$_2$CO$_2$Et (100 g.) with PCl$_5$ gave 27 g. of a mixt. of *cis*- and *trans*-*PhCCl:CHCO$_2$H* (I), m. 141–2° (from 50% alc). I (18.2 g.), 18 cc. dry CHCl$_3$, and 75 cc. SOCl$_2$ refluxed 2 hrs. and the CHCl$_3$ and SOCl$_2$ distd. off gave crude *PhCCl:CHCOCl*, to which was added with cooling an ether suspension of the Na salt of CH$_2$(CO$_2$Et)$_2$ (from 16 g. ester and 2.3 g. Na), and the soln. let stand 24 hrs. at room temp., boiled 1 hr., acidified with dil. HCl, washed with water, and treated with (AcO)$_2$Cu; the Cu salt, pale green needles from alc., m. 167–8°, gave upon decompn. *PhCCl:CHCOCH(CO$_2$Et)$_2$* (II), which was subsequently cyclized without further purification. The ether soln. from which the Cu salt had been removed gave colorless needles, m. 97° (from alc.), of *PhCCl:CHC(OCOCH:CClPh):C(CO$_2$Et)$_2$* (III), hydrolyzed with alc. KOH to I and II. Both III and II were converted to *3-carbethoxy-5-phenyl-2H-pyran-2,4-(3H)-dione* with concd. H$_2$SO$_4$. III (or II) (2 g.) added in portions to 20 cc. H$_2$SO$_4$ (d. 1.84) cooled with ice, the mixt. poured after 30 sec. into 200 cc. ice water, and the pptd. IV filtered gave large colorless needles from alc., m. 134–5°. The filtrate on standing yielded another ppt., small colorless needles from petr. ether, m. 64°, identified as PhCOCH$_2$COCH(CO$_2$Et)$_2$ (V) and converted to IV with concd. H$_2$SO$_4$. If V was allowed to ppt. before IV was filtered off, the mixt. could be sepd. by dissolving it in 20% aq. NaOH and satg. with CO$_2$, which pptd. V. IV (1 g.) added to 6 cc. concd. H$_2$SO$_4$ and 0.6 cc. water, heated 1 min. at 148–50°, then cooled rapidly, poured on ice, the ppt. dissolved in 2% NaOH, some insol. material filtered off, and dil. H$_2$SO$_4$ added pptd. *6-phenyl-2H-pyran-2,4(3H)-dione* (VI), m. 245–6° (decompn.; from alc.). VI and CH$_2$N$_2$ in ether after 48 hrs. gave the Me ether (VII) of VI; lustrous plates from alc., m. 129°. VI and VII showed max. absorption in the ultraviolet suggesting the configuration of α,β-unsatd. ketones. Since this is not in accordance with the usual enolization of α,γ-pyranones the structure of VI and VII is under investigation. Janina R. Spencer



JANISZEWSKA-BROZEK, S.

Structure of α'-substituted α-pyrones. II. Z. Maciorowicz and S. Janiszewska-Brozek (*Rocz. Chem.*, 1961, **35**, 133–135).—Treatment of 6-phenylpyrone [2 : 4-diketo-6-phenyldihydropyran] and 4-hydroxycoumarin with MeOH or EtOH containing 10% HCl gives ethers, identical with those obtained by previously published methods.

S. M. RYBICKA.

JANISZEWSKA-DRABAREK, S.

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POL.

3165 547.812.3 : 547.371 : 541.633

Janiszewska-Drabarek S. Tautomerism of 2.4-Pyrones Derivatives.

„Tautomeria pochodnych 2.4-pironów". Roczniki Chemii (PAN). No. 4, 1953, pp. 459—467.

Is has been found that two isomeric methyl ethers of derivatives of 2.4-pyrones (4-hydroxycoumarin and 6-methyl-2.4.-pyronone) are formed only by using diazomethane and methyliodide as methylation agents. The two isomeric ethers, having the structure of α-pyrone and γ-pyrone, give complex salts with chloroplatinic acid, of the same chemical constitution but with different melting points.

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